



CONSOLIDATING TRADITIONAL ACTIVITIES AND ADVANCING BLUE ECONOMY INITIATIVES

AQUACULTURE, MARITIME SERVICES, MARINE BIOTECHNOLOGY, SEABED MINING

PRESENTED BY

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Objectives

- To highlight the integration of traditional maritime activities with emerging opportunities within the Blue Economy
- Exploitation of marine resources
- Create wealth – maximize exports
- Food production – food security
- Creation of jobs
- Sustainable and climate friendly development



Blue Economy

IN BRIEF



Port Activities

Traditional Port activities, Fishing & Freeport



Fisheries

Aquaculture, Fish Auction, Transhipment



Tourism

Marine life conservation



Danger

Piracy and illegal (IUU) fishing and transhipment



Danger

Seaweed invasion of beaches



Seabed Exploitation

Mining, oil & gas



Biotechnology

Medicine & consumables



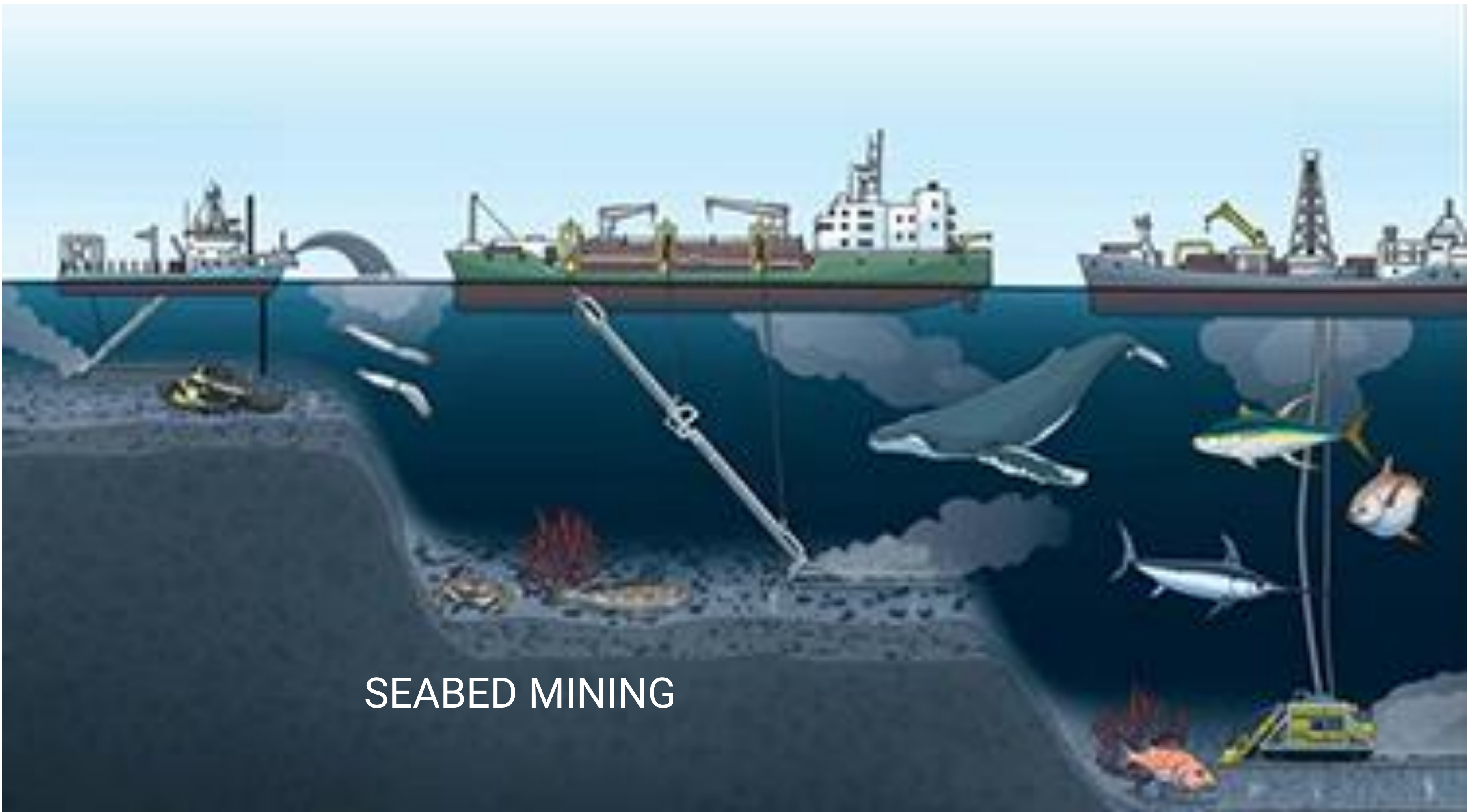
Wind energy

Windmill parks - Offshore



Danger

Coastal protection against erosion



SEABED MINING



BIOTECHNOLOGY



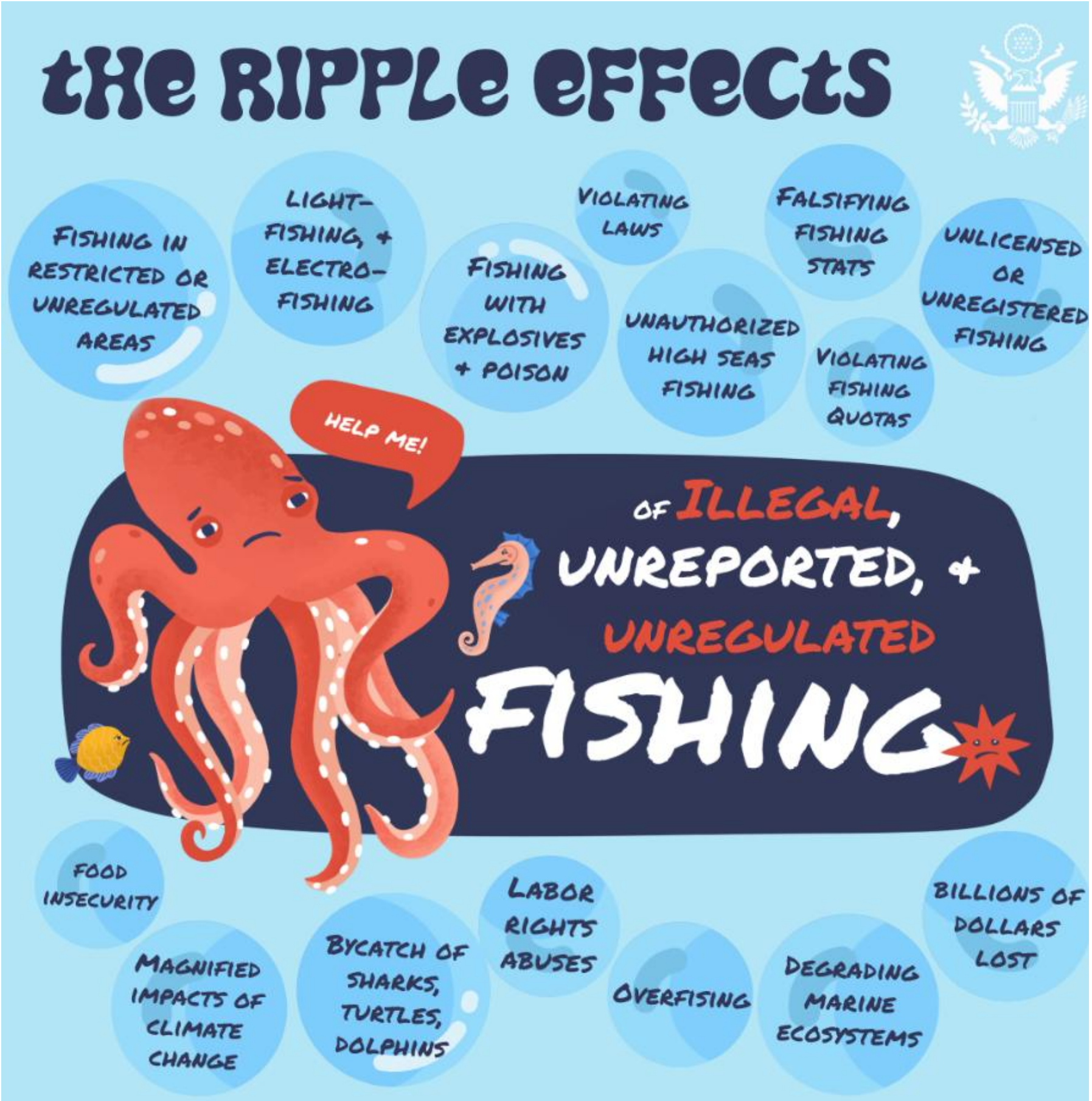


WIND ENERGY



WAVE ENERGY







EROSION OF BEACHES

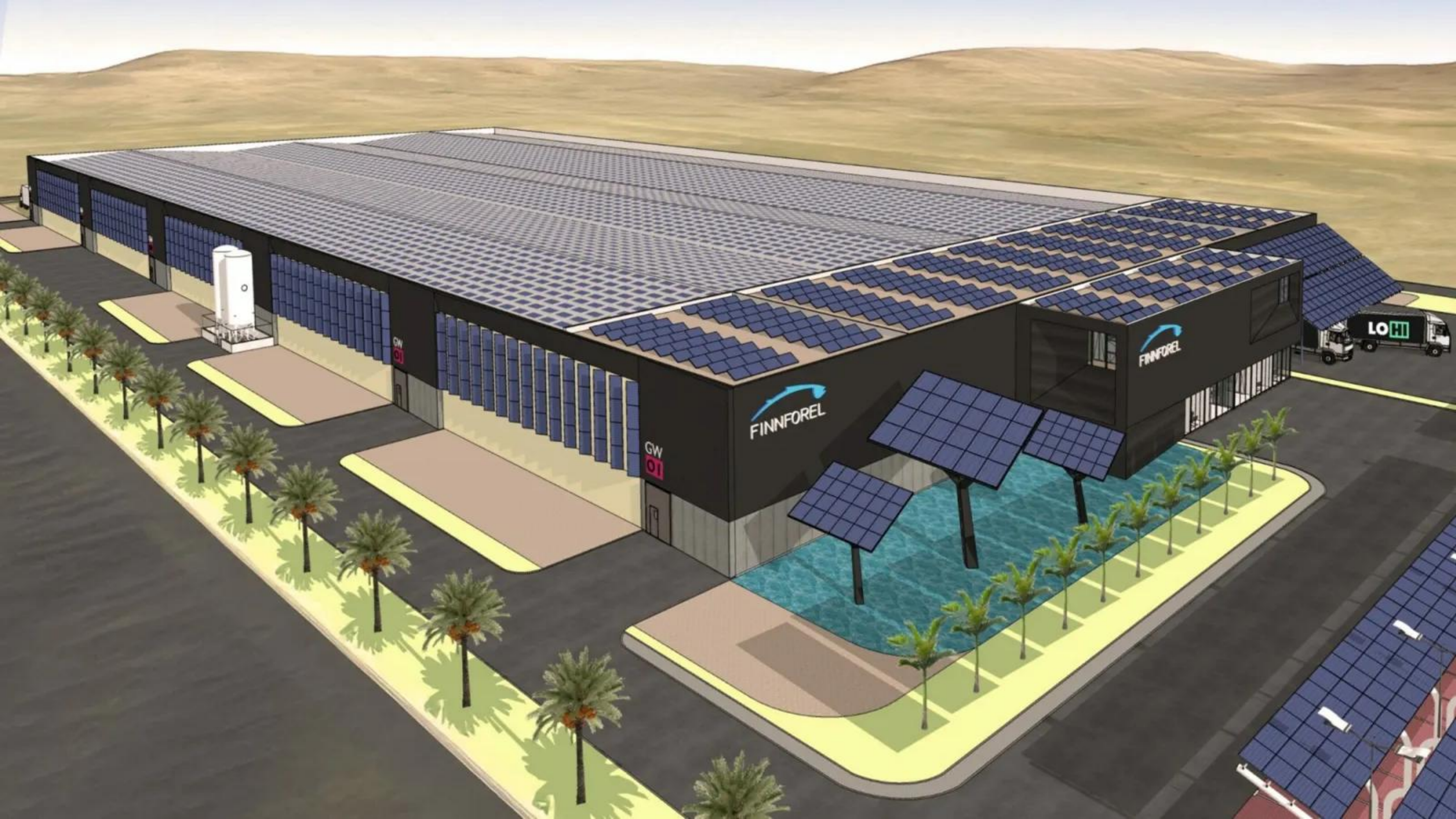
INVASION OF SHORES BY SEaweEDS, MEDUSA



Aquaculture: A Strategic Focus

- 1 Cultivation of aquatic organisms under controlled conditions
- 2 Proposed Approaches:
 - Recirculating Aquaculture Systems (RAS)
 - Efficient water usage
 - Solar energy for sustainability
 - Minimal environmental impact
- 3 Target Species for Mauritius & Afr-Asia:
 - (Salmon Trout), Barramundi, Tilapia, Catfish
- 4 Project UAE/Finland Joint venture:
3000 Tons/year







Kroma A/S

- 1915 Established production.
- Design and manufacture in Denmark.
- Customized, Turnkey and Layout solutions.
- By-product system
 - Waste for profit
- Equipment installed in 30+ countries.
- Service
 - Professional on-site /online support.
 - Staff training.
 - Avoid production delays.
 - Spare Parts on stock.

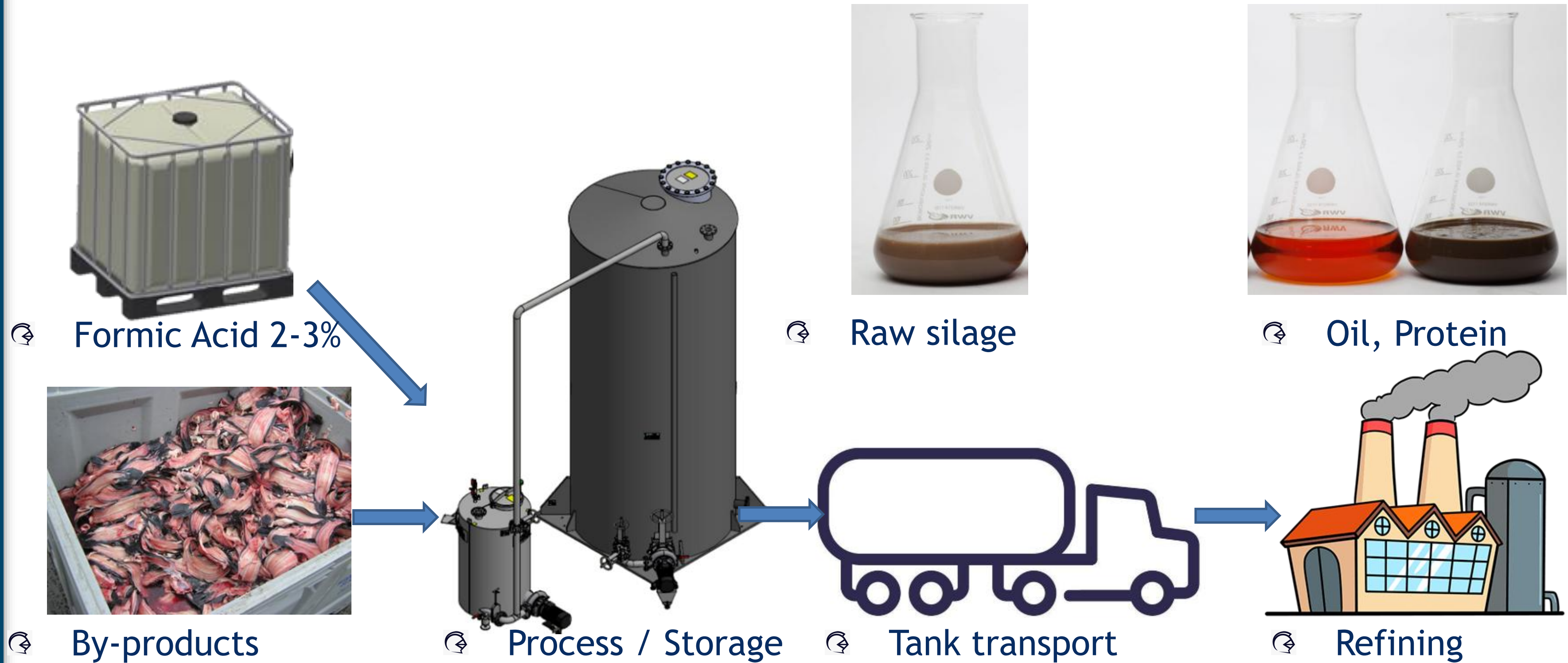
STUNNING	GUTTING	FILLETING / DE-HEADING	DE-SCALING	WASTE HANDLING SOLUTION
				
				

SILAGE SYSTEM	GRADING SYSTEM	TURNKEY & CUSTOMIZED SOLUTION	SERVICE
			Installation
			Service Agreement
			On-site
			Remote Access Supervision
			Hotline
			Spare Parts

FROM WASTE TO VALUE



Master of fish processing





TILAPIA





CATFISH





BARRAMUNDI





TROUT- RAINBOW TROUT



The Role of Fish Auctions in Development

- 1 A marketplace for selling catch or harvest through bidding
- 2 Benefits to the Blue Economy:
 - Fair pricing and transparency
 - Efficient seafood distribution
 - Support for local fishers
- 3 Integration with Aquaculture:
 - Platform for high-value species
 - Encourages quality standards
 - Strengthens value chain







Conclusion

Key Takeaways:

1. Blue Economy offers immense potential for growth and sustainability.
2. Aquaculture, supported by RAS and solar energy, is a game-changer for Mauritius.
3. Fish auctions can play a pivotal role in market development and value addition.
4. Collaboration and innovation are essential for success.

Closing Message:

**LET'S WORK TOGETHER TO
UNLOCK THE FULL POTENTIAL
OF OUR OCEANS.**



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